

## ABSTRACT OF THE DISCLOSURE

A sequence program editing apparatus capable of easily replacing duplicated signal names. The apparatus detects duplicated signal names used in a sequence program and displays locations used with the signal names in the form of a list. Names to be rewritten are selected from among the duplicates and checked. New signal names are directly entered, and a signal name rewriting execution command is inputted. Alternatively, a search range and a sort of assignable signal name are designated by setting start and end addresses. When an execution command is inputted, signal names of designated sort are automatically extracted and entered as new names. The subsequent input of a signal name rewriting execution command automatically replaces the duplicated signal names in the designated locations with signal names newly entered. It is possible to easily replace duplication of the same signal names. If a range of renaming contacts associated with the coils is set, the contacts are renamed.